Listing of Claims:

The following listing of claims replaces all prior versions, and listings, of claims in the application:

Claims 1-7 (canceled)

Claim 8 (currently amended): A composition for use with cement or concrete as a dispersant, comprising:

a polymer comprised of the polymerization product of monomer units A, B and C, wherein

monomer unit A is a repeating unit after polymerization of a carboxylate or carboxylate derivative,

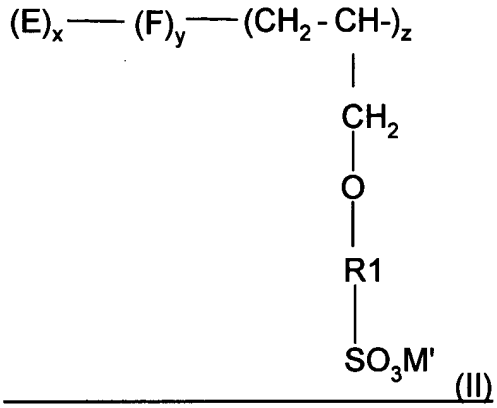
monomer unit B is a repeating unit after polymerization comprising a sulfate end group, ~~The composition as defined in claim 1, wherein the polymer further comprises the polymerization product of monomer unit C, wherein~~

monomer unit C is selected from the group consisting of polyethylene glycol allyl ether (PEGAE), polypropylene glycol allyl ether (PPGAE), polyethylene glycol/polypropylene glycol allyl ether (PEGPGAE), ~~Hydroxyethyene~~ hydroxyethyene glycol methylmethacrylate (HEME), and ~~Methoxyethyene~~ methoxyethyene glycol methylmethacrylate (MEME), and

whereby the polymer has a sulfate end group covalently bonded thereto.

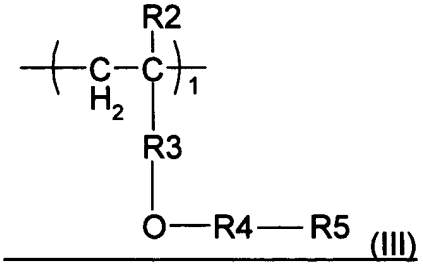
Claims 9-16 (canceled)

Claim 17 (currently amended): A polymeric composition for use with cement or concrete as a dispersant, comprising a polymer having the formula (II):



(II)

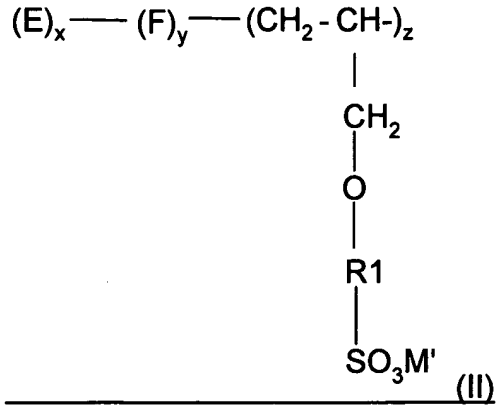
wherein E is a repeating unit after polymerization of a carboxylic acid or derivative thereof, X is a number in range of from about 2 to about 200,000 repeat units, Y is a number in range of from about 2 to about 200,000 repeat units, Z is a number in range of from about 2 to about 200,000 repeat units, ~~The composition as defined in claim 12,~~ wherein F is polyethylene glycol allyl ether (PEGAE) according to the formula (III),



(III)

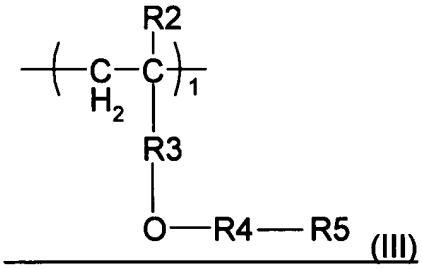
when R2 and R5 are hydrogen, R3 is CH_2, and R4 is (CH_2-CH_2-O), R1 is (-CH_2-CH_2-O-)$_n$ or a combination thereof, and n is an integer in a range of from about 1 to about 150, and M' is a water soluble cation or an organic amine.

Claim 18 (currently amended): A polymeric composition for use with cement or concrete as a dispersant, comprising a polymer having the formula (II):



(II)

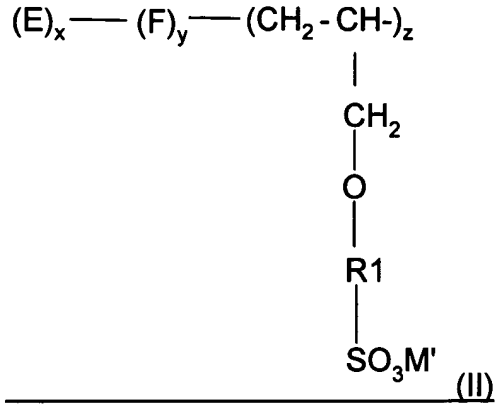
wherein E is a repeating unit after polymerization of a carboxylic acid or derivative thereof, X is a number in range of from about 2 to about 200,000 repeat units, Y is a number in range of from about 2 to about 200,000 repeat units, Z is a number in range of from about 2 to about 200,000 repeat units, ~~The composition as defined in claim 12,~~ wherein F is polypropylene glycol allyl ether (PPGAE) according to the formula (III),



(III)

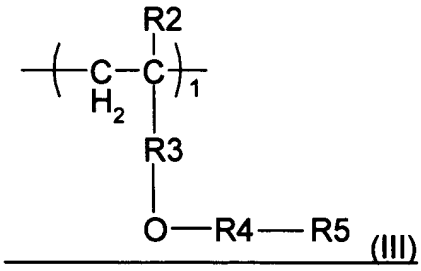
when R2 and R5 are hydrogen, R3 is CH_2, and R4 is $(CH_2\text{-}CH(CH_3)\text{-}O)$, R1 is $(\text{-}CH_2\text{-}CH_2\text{-}O\text{-})_n$ or or a combination thereof, and n is an integer in a range of from about 1 to about 150, and M' is a water soluble cation or an organic amine.

Claim 19 (currently amended): A polymeric composition for use with cement or concrete as a dispersant, comprising a polymer having the formula (II):



(II)

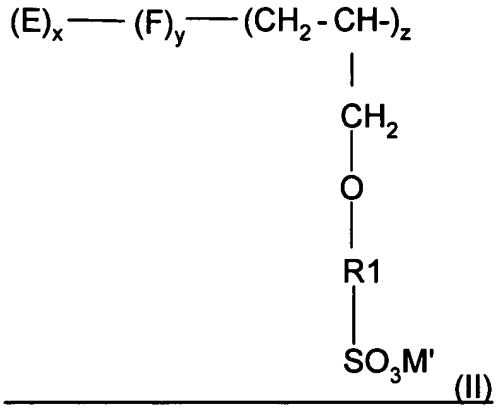
wherein E is a repeating unit after polymerization of a carboxylic acid or derivative thereof, X is a number in range of from about 2 to about 200,000 repeat units, Y is a number in range of from about 2 to about 200,000 repeat units, Z is a number in range of from about 2 to about 200,000 repeat units, ~~The composition as defined in claim 12,~~ wherein F is polyethylene glycol/polypropylene glycol allyl ether (PEGPGAE) according to the formula (III),



(III)

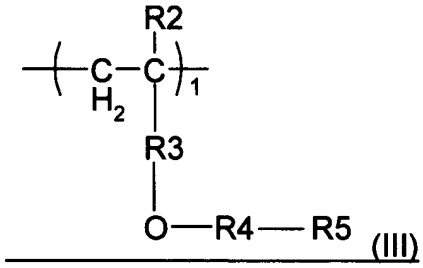
when R2 and R5 are hydrogen, R3 is CH_2, and R4 is $(CH_2\text{-}CH_2\text{-}O\text{-}CH_2\text{-}CH(CH_3)\text{-}O)$, R1 is $(\text{-}CH_2\text{-}CH_2\text{-}O\text{-})_n$ or or a combination thereof, and n is an integer in a range of from about 1 to about 150, and M' is a water soluble cation or an organic amine.

Claim 20 (currently amended): A polymeric composition for use with cement or concrete as a dispersant, comprising a polymer having the formula (II):



(II)

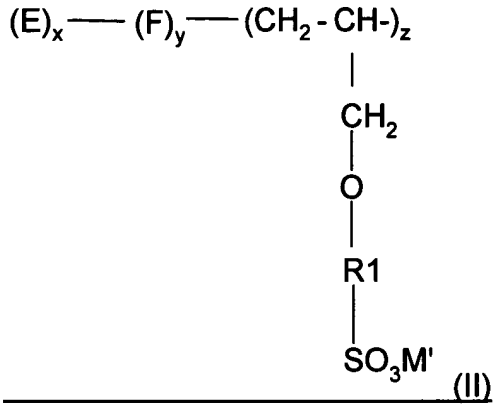
wherein E is a repeating unit after polymerization of a carboxylic acid or derivative thereof, X is a number in range of from about 2 to about 200,000 repeat units, Y is a number in range of from about 2 to about 200,000 repeat units, Z is a number in range of from about 2 to about 200,000 repeat units, ~~The composition as defined in claim 12,~~ wherein F is Hydroxyethylene glycol methylmethacrylate (HEME) according to the formula (III),



(III)

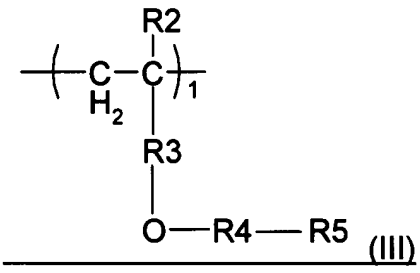
when R2 is CH_3, R3 is C=O, R4 is (CH_2-CH_2-O), and R5 is hydrogen, R1 is (-CH_2-CH_2-O-)$_n$ or or a combination thereof, and n is an integer in a range of from about 1 to about 150, and M' is a water soluble cation or an organic amine.

Claim 21 (currently amended): A polymeric composition for use with cement or concrete as a dispersant, comprising a polymer having the formula (II):



(II)

wherein E is a repeating unit after polymerization of a carboxylic acid or derivative thereof, and X is a number in range of from about 2 to about 200,000 repeat units, Y is a number in range of from about 2 to about 200,000 repeat units, Z is a number in range of from about 2 to about 200,000 repeat units, ~~The composition as defined in claim 12,~~ wherein F is Methoxyethylene glycol methylmethacrylate (MEME) according to the formula (III),



(III)

when R2 is CH_3, R3 is C=O, R4 is (CH_2-CH_2-O), and R5 is CH_3, R1 is (-CH_2-CH_2-O-)$_n$ or or a combination thereof, and n is an integer in a range of from about 1 to about 150, and M' is a water soluble cation or an organic amine.

Claims 22-31 (canceled)

Claim 32 (currently amended): A method of forming a polymeric dispersant for use in a concrete or cement admixture, comprising:

copolymerizing monomeric units A, B and C to form a polymer, wherein

monomer unit A is a repeating unit after polymerization of a carboxylate or carboxylate derivative,

monomer unit B has a sulfate end group, and ~~The method as defined in claim 31, further comprising the step of selecting a monomeric unit C, and co-polymerizing monomer unit C with the monomeric units A and B, wherein the~~

monomer unit C is selected from the group consisting of polyethylene glycol allyl ether (PEGAE), polypropylene glycol allyl ether (PPGAE), polyethylene glycol/polypropylene glycol allyl ether (PEGPGAE), ~~Hydroxyethyene~~ hydroxyethyene glycol methylmethacrylate (HEME), and ~~Methoxyethyene~~ methoxyethyene glycol methylmethacrylate (MEME), and

whereby the polymer has a sulfate moiety covalently bonded thereto.

Claim 33 (canceled)